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A. Chestnut  
4-3-00

PATENT  
ATTORNEY DOCKET NO. 000784 USA F04/PDD/CMP/RKK (05542/146004)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manoocher Birang et al.      Art Unit:  
Serial No.:      Examiner:  
Filed : September 20, 1999  
Title : APPARATUS AND METHOD FOR IN-SITU ENDPOINT DETECTION  
FOR CHEMICAL MECHANICAL POLISHING OPERATIONS

1542 U.S. PTO  
09/399310  
09/20/99

Assistant Commissioner for Patents  
Washington, DC 20231

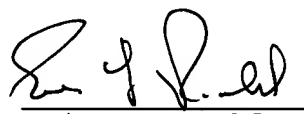
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached  
form PTO 1449, copies of which are enclosed.

This statement is being filed with the application.

Respectfully submitted,

Date: September 20, 1999

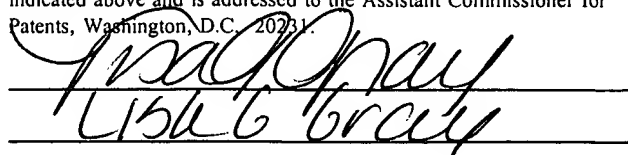
  
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000784 (05542/146004)

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Manoocher Birang et al.FILING DATE  
September 20, 1999

GROUP

(37 CFR 1.98(b))

1542 U.S. PTO  
09/399310

09/20/99

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	9	4	9	9	2	7	09-07-99	Tang			
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ		
	AR		
	AS		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.